

Outlook

THE UNIVERSITY OF MARYLAND FACULTY AND STAFF WEEKLY NEWSPAPER
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Making the Trade
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Punt, Past
& Kick,
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Life Sciences Grant Supports Research, Minority Enrollment

The College of Life Sciences has received a \$1.6 million grant from the Howard Hughes Medical Institute (HHMI) that will foster continued growth in two areas in which the university is already a national leader, the participation of undergraduate students in research and the enrollment of minority students in the life sciences. This latest grant, says William Higgins, associate dean of the college continues and expands HHMI's support of a research-based scholars program that is "a major reason for the dramatic improvement in the academic credentials of students entering the life sciences here."

Higgins, who directs the university's HHMI program, says the grant is crucial to "our continued leadership as a producer of African Americans and other minorities earning baccalaureate degrees in the life sciences. Through HHMI's support, the university will be able to continue to improve the quality of undergraduate education in the life sciences and increase the number of minorities who participate in that education."

The current grant is part of \$91.1 million in four-year grants HHMI is awarding to help 58 research and doctoral universities strengthen their undergraduate education programs in the biological sciences. The University of Maryland and 53 other schools are receiving grants as continuing support for existing HHMI fellowship programs.

"At Maryland, the [HHMI] program already is the centerpiece of the college's recruitment and retention program," Higgins says. "The new grant will allow the college to increase the number of students participating in the

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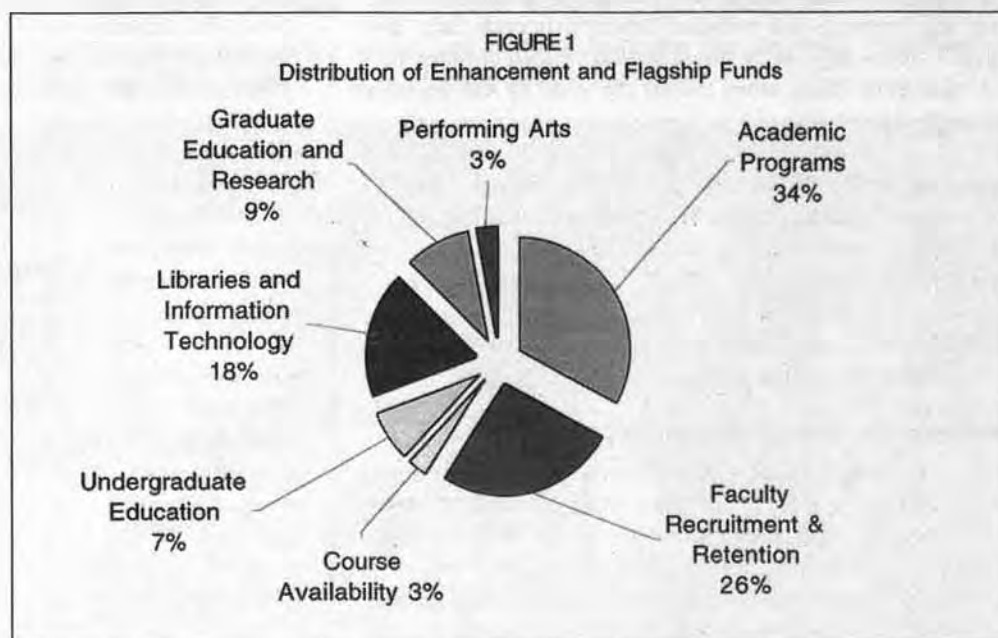
Infusion of Funds Gives Needed Support to University Drive Toward Excellence

In his speech to the College Park Senate Sept. 17, Gregory Geoffroy, vice president for academic affairs and provost, reported on the opportunity the university has had this year to fund important initiatives and make significant gains in its drive to achieve and maintain academic excellence. Combining support from three sources—Flagship Initiative funding, increased revenue derived from the state and from tuition, and selected reallocation of funds within the academic colleges—Academic Affairs targeted priorities established by the Strategic Plan. Funding was used for recruitment and retention of outstanding faculty; enhancement of the research infrastructure; support of top quality undergraduate programs; and enhancement of selected academic programs to maintain and build cornerstone programs of excellence.

The Flagship Initiative

During a year in which increases in the state budget and reallocation processes provided extra support for programs, the campus was the beneficiary of an extraordinary

effort, led by the Board of Visitors, a host of faculty, staff, alumni, friends and other supporters, to obtain funding for academic programs and research. The Flagship Initiative aims to bring the funding levels of the University of Maryland closer to those of our aspirational peers (see *Outlook* story of April 14, 1998) and received the enthusiastic support of Gov. Glendening and the endorsement of the General Assembly.



Through this effort, an initial amount of \$7 million has been allocated for the specific purpose of helping the university, as the "Flagship University" of the state, fulfill its 1988 mandate to become one of the nation's preeminent public research universities.

In a competitive process, the colleges submitted proposals for use of Flagship funds to enhance academic excellence. The provost, with advice from the Academic Planning

Advisory Committee (APAC), chose to fund the initiatives that show the most promise to enhance the university's research capability and stature. [See Table I, on page 7, for distribution to targeted areas.]

Recognizing that outstanding faculty are the university's most important asset and are a key factor in achieving national eminence in every field, \$1.17 million was set aside for

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State of the Arts

Conference Showcases Innovations in Virtual Technology, Teaching in Digital World

From the fashionably bohemian precincts of lower Manhattan to London and Tokyo, the cultural world abounds with computer-aided musicians, CD-ROM virtuosos, painters, photographers and digital artists who are building their own galleries in cyberspace. All in addition to the digitally savvy filmmakers who have already transformed the cinema world into sensational multimedia pop axioms.

"State of the Arts: Production, Reception and Teaching in the Digital World"

is a four-day conference showcasing the works of visual and performing artists as well as scholars of literature in incorporating new digital technologies to shape perceptions of artistic forms. The conference, Oct. 8 through 11 in the Stamp Student Union, is hosted by the Center for Renaissance and Baroque Studies in conjunction with Maryland's First Lady Frances Hughes Glendening, as part of her two-year campaign to celebrate the arts throughout the state. The event is the capstone in Mrs. Glendening's

tireless crusade to bring awareness to visual and performing arts in Maryland.

"Virtual technology is the instructional tool of the next century," says Adele Seeff, organizer of the conference and director of the Center for Renaissance and Baroque Studies. "Technology is already impacting the way professors incorporate modern advances in delivering educational instruction in the classroom."

Highlighting the conference is a lecture by Jaron Lanier. A computer scientist, composer,

visual artist and author, Lanier is best known for his work in "Virtual Reality." Considered by many in the scientific and intellectual arena to be the father of VR, he coined the phrase "Virtual Reality," and became principal pioneer in the scientific, engineering and commercial aspects of the field.

He has proposed and implemented a variety of technologies that have since spawned industries in their own right. Among his lineup of "firsts" are

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"Performance on the athletic field is easy to assess. A basketball goes in a hoop or it doesn't. In areas where performance is not based on the subjective interpretation of observers, African-Americans excel." —*Sylvester Gates, professor of physics, in a Chemical and Engineering News feature story (July 21) about the challenges of fairly assessing academic talent in a not-yet-colorblind world.*

"They built the Sydney (Australia) Opera House, perhaps the most interesting building in the country, using lottery money. Of course, it cost many times the amount originally budgeted, and that meant the hospitals did without lottery proceeds for a few extra years." —*Peter Reuter, of the School of Public Affairs, in an Aug. 6 New York Times story about the risks of raising state funds through lotteries.*

"The good news is, the monitoring program that we put into place has worked, and that's how we discovered this fish. It's not like fish washed up on the shore like last year. It means there's some hope that when we find them early, we can protect public health in terms of preventing exposure." —*Don Boesche, president of the Center for Environmental Science, in an Aug. 7 Washington Post story about new Pfiesteria outbreaks in a Chesapeake tributary.*

"Slaveowners wished to think of themselves as enlightened people, benevolent people. And yet, as these court records show us, to be a slaveowner meant always underlying that benevolence or public persona was a fundamental kind of violence and exploitation that was unavoidable when you try to treat human beings as property." —*Leslie Rowland, associate professor of history, in an Aug. 7 report on National Public Radio about a historical drama based on courtroom cases from America's slavery era.*

"Unfortunately, this is not going to be a very good year for Maryland farmers. They are getting hit by a double whammy, low prices and low yields." —*Kevin McNew, assistant professor of agricultural and resource economics, in an Aug. 13 Baltimore Sun story about Maryland farmers being caught in a squeeze in this year's grain markets.*

"(Rooting for the Steelers) is how a lot of people maintain their roots after they've left the area. There's almost no way to really hold onto your past, except through sports. For the people with a connection to Pittsburgh who miss living here, the Steelers make that connection feel stronger." —*Lee Vander Velden, assistant professor of kinesiology, in a story about the phenomena of sports fans in the July 26 Pittsburgh (Penn.) Tribune Review.*

"If you look at two trends in American society—one is the introduction of the Internet which has been going up; and then you look at the rate of inequality, (which) has also been going up—you have to at least ask the question, what is the contribution of these technologies to greater inequality? I haven't seen a huge amount of work by African American intellectuals and scholars addressing the issue of the impact of the information revolution on communities of color." —*Ernest Wilson, professor of government and African American studies, in an interview in the Aug. 20 edition of Black Issues in Higher Education.*

"*The Museum Guard*, his latest novel, is likely to receive as much critical acclaim as its predecessor, *The Bird Artist*; it is an impressive and admirable achievement, which will buttonhole the reader from the first sentence: 'The painting I stole for Imogen Linny, Jewess on a Street in Amsterdam, arrived at the Glace Museum, here in Halifax, on September 5, 1938.'" —*from a book review in the Aug. 30 Washington Post of the latest book by Howard Norman, associate professor of English.*

Babcock Accepts Prestigious Post

University Remains Committed to Success of Maryland Center

Last week, Jeffrey Babcock, executive director of the Maryland Center, was named general director and CEO of Boston Ballet, one of the top five ballet companies in the United States.

"We are sorry to lose Dr. Babcock and we wish him well in this very prestigious position with Boston Ballet," says President C.D. Mote Jr. "We will miss his leadership of the Maryland Center, but I can assure the university and the community that we are fully committed to the successful completion and operation of the Maryland Center as an extraordinary artistic resource for the university and the region."

"We are fortunate to have had Jeffrey Babcock's wisdom and experience," says Provost Gregory Geoffroy. "Even in his brief tenure here, we are confident that he has put the Maryland Center on the right track and that it will be a magnificent facility of which all of us can be very proud."

"The Maryland Center for the Performing Arts is more than just a building," says Babcock. "It is a powerful message from the State of Maryland, the University of Maryland and Prince George's County, a message that says loudly and clearly that the performing arts make a real difference in the quality of our lives. I am proud to have been associ-

ated with a project of such potential, and I am looking forward to its opening in the year 2000."

The Maryland Center will include six performance halls, house the academic departments of dance, theater and music, and provide a state-of-the-art performance facility for world-class performers in all of the performing arts. The \$107-million, 17-acre, 318,000-square-foot project is the largest facility of its kind under construction on any university campus. Construction is under way on the west side of the campus.

"When you hire the very best...you run the risk of losing them to ever more prestigious opportunities."—*James Harris,*

dean of the College of Arts and Humanities

"Dr. Babcock will be greatly missed," says Ambassador and Mrs. Joseph Gildenhorn, campaign chairs for the Maryland Center. "He is a dynamic force who shaped the direction and vision for the Maryland Center for the Performing Arts. In his brief tenure at Maryland, Dr. Babcock put in place a most outstanding team of administrators, and we are committed to working with the Center's staff to carry on this important project through its opening in the year 2000 and beyond."

"I want to express my heartfelt appreciation to Joseph and Alma Gildenhorn for their con-

tinuing commitment to the Maryland Center for the Performing Arts," Babcock says.

Babcock became executive director of the Maryland Center in July 1997 after more than 25 years as an internationally recognized arts executive and producer. He served as director of the Atlanta Committee for the Olympic Games Cultural Olympiad and executive producer of the 1996 Olympic Arts Festival.

He also co-founded the Miami-based New World Symphony, with conductor Michael Tilson Thomas, and

served as president and CEO for the orchestra made up of gifted graduates of leading conservatories and university music programs. He created and managed the Los Angeles Philharmonic Institute with Leonard Bernstein and Thomas as artistic directors. He also created the Great Woods Summer Institute, founded Arts Management and Development Associates, and served as executive director of the Los Angeles-based Young Musicians Foundation.

"When you hire the very best, as we did when we hired Jeff Babcock, you run the risk of losing them to ever more prestigious opportunities," says James Harris, dean of the College of Arts and Humanities. "This is what has happened, and we will now do everything we can to hire the very best again and quickly."

letter to the editor

Dear Editor,

While I enjoyed Kelley [Fitzgerald's] article on my "4th Friday" customer service sessions, I think the description of where name tags should be worn might have been confusing to your readers. It was not clear "whose" right or left was being described, the wearer's or the viewer's. (Also, it has nothing to do with outer garments, although nothing should cover a name tag.)

Here's the scoop: When you meet someone, whether or not you shake hands, you see the right vertical side of their body (i.e., from their right shoulder to their right foot) better than you see their left side. Therefore, to make it easy for people to learn your name, your name tag should be placed just below your right collar bone.

Nick Kovalakides
Campus Visitor Advocate

Diversity Calendar Submissions

The Diversity Initiative is planning its October calendar, to be published in the *Diamondback* Oct. 1 and in *Outlook* Oct. 6. Anyone with diversity-related events planned for October is invited to submit their event for inclusion in the calendar. Send date, time, place, cost and contact information, along with the title and a one-sentence description of the event to Jamie Feehery-Simmons in the Office of Human Relations Programs, jamiiefs@wam or 405-2838.

Information must be received no later than Sept. 23.

Outlook

Outlook is the weekly faculty-staff newspaper serving the University of Maryland campus community. Vice President for University Advancement **Reld Crawford**, Acting Executive Director of University Communications and Director of Marketing **Teresa Flannery**, Executive Editor **George Cathcart**, Editor **Jennifer Hawes**, Assistant Editor **Londa Scott Forté**, Editorial Intern **Phillip Wirtz**. Letters to the editor, story suggestions and campus information are welcome. Please submit all material two weeks before the Tuesday of publication. Send material to Editor, *Outlook*, 2101 Turner Hall, College Park, MD 20742. Telephone (301) 405-4629; e-mail outlook@accmail.umd.edu; fax (301) 314-9344. *Outlook* can be found online at www.inform.umd.edu/outlook/

Treasure rove

Terrapin Trader Turns Surplus Property into Profit for Campus

Relief from the headaches of unwanted surplus property is as close as Terrapin Trader, the University of Maryland's surplus operation. From pens and pencils to airplane engines and sailboats, the operation provides members of the campus community and general public with a variety of affordable and unusual items as well.

Started in the spring of 1994, Terrapin Trader "facilitates redistribution of capital assets," says physical distribution manager Larry Walton. If a department has a specific item it wants to dispose of, it completes a surplus release form and the Terrapin Trader picks up the item free of charge. By putting an item on consignment and receiving compensation when the item is sold, departments are able to dispose of unwanted items and yet receive something in return.

Terrapin Trader resulted from the efforts of a continuous quality improvement team, which was formed after the discovery of Penn State's impressive surplus operation, says Walton. Prior to Terrapin Trader, surplus property was eliminated through the annual spring cleaning auctions and the formal disposal requests handled through the Office of Procurement and Supply. Now, in addition to compensating departments (rather than auctioneers) through sales, Walton says Terrapin Trader can assist the university in attaining federal grants and equipment it is otherwise unable to afford.

Terrapin Trader supervisor Mike Painter says sales are most brisk during the summer when office renovations occur. University departments, which consign the majority of items, make purchases at all times. Other Maryland state departments may purchase items that have been on the floor for at least one week. Nonprofit agencies and university faculty, staff and students (with appropriate identification) may purchase items after two weeks. The general public may do so after three weeks.

Though Terrapin Trader generally prefers to sell or dispose of surplus property within 90 days or fewer, Painter says if they have room, they'll keep certain items. "If you hold onto something long enough, you'll find someone to buy it," says Painter.

According to Walton, the Terrapin Trader has proved to be very successful. The operation is currently increasing its use of computers by streamlining manual devices such as electronic barcoding, fund transfer and transfer of capital assets to the comptroller's office. Such advancements within the Terrapin Trader have caught the attention of several universities, including Purdue, Indiana, Iowa State and Ohio State, interested in implementing similar operations.

While typical Terrapin Trader items include chairs, desks and filing cabinets, transportation manager Doug Waterman says it has encountered the consignment of more unusual items such as boats, silos and telescopes. Fortunately, says Waterman, when a department surpluses such items, it tends to know interested buyers for Terrapin Trader to contact.

According to Walton, future possibilities for the Terrapin Trader include selling bikes to students for \$25-35 and allowing them to sell the bikes back for five dollars at the end of the semester. Also, the operation is considering providing outdated computers like 286 and 386 models, to students whose computer needs are limited to basic word processing.

To help schools develop successful surplus operations, plans are currently being made to create an organization of supervisors of surplus property. In addition, Terrapin Trader soon will have daily updates of inventory on its webpage, which can be accessed through links from the university's homepage or at <www.inform.umd.edu/TerrapinTrader/>.

—KELLEY FITZGERALD



An outside, above, and inside, below, look at Terrapin Trader, the university's four-year-old surplus property operation, located just off of Paint Branch Parkway.



Frankenstein Helps Students Make Adjustment to College Life

It's the beginning of the school year and you're by yourself waiting for a campus shuttle bus. Then another student joins you. You don't want to be rude, but don't know how to start a conversation. What do you talk about? At the University of Maryland you can always fall back on "the book."

Every year, many colleges and universities identify a book that all students are invited to read and around which optional activities such as movies, lectures, essay contests and on-line discussions are planned throughout the year.

This year, students at Maryland are reading two books: "The Control of Nature," by John McPhee and "Frankenstein," by Mary Shelley.

"In the era of Dolly the sheep and El Niño, these books should prompt a lively debate on humans' continuing efforts to affect and even control their environment," says Sheri Parks, associate dean for Undergraduate Studies at the University of Maryland, which began its program, now called the Terrapin Reading Society, in 1993.

"It's a great program," says Ted Simpson, a senior majoring in English. "I found engineers,

plant scientists, English majors, poets, actors, future lawyers and politicians, and many other types of people yearning to read good literature and have long, interesting talks about it. It really helped humanize what seemed like a very big campus."

The books are given free to first-year and transfer students during orientation sessions, and are made available to other students, faculty and staff at a discount from the campus book store.

Those with WAM accounts are invited to become

members of the TRS Online Book Club which discusses the Terrapin Reading Society selections and other literary matters. To join, e-mail to listserv@umdd.umd.edu with the message (minus the quotation marks) "subscribe trs Your Name". The online book club begins this week.

For more information about the Terrapin Reading Society, visit the website at <www.inform.umd.edu/trs/>.



Your Guide to University Events

Dateline Maryland

September 22 - October 1

September 22

1-4 p.m. Introduction to Unix (Day 2 of 4). TBA, Computer & Space Sciences Bldg. www.inform.umd.edu/ShortCourses.*

3-4:30 p.m. Tangled in the Web? An introduction to strategies for effectively searching the Web. 4135 McKeldin Library. 5-9070.

3:30-5 p.m. VICTOR & Periodical Indexes. An introduction to using VICTOR and two periodical indexes. 4133 McKeldin Library. 5-9070.

4 p.m. Physics Department: "Quasi-One-Dimensional Conductors in Strong Magnetic Fields," Victor Yakovenko, assistant professor of physics. 1410 Physics Bldg. 5-5945.

6-9 p.m. Introduction to Windows 95. This class introduces the Windows operating system, a multi-tasking file management system. Concepts covered include how to: move around in a window, use menus, finding files, using help, copying files, formatting floppy disks, creating folders and creating and managing files for use with Windows applications. 4404 Computer & Space Sciences Bldg. 5-2941/2940.*

6 p.m. Latino Indigenous Heritage - Speaker Series, Skinner Building.

September 23

7:30-9:30 a.m. Good Morning Commuters! Every Wednesday-free doughnuts, coffee and information. Stamp Student Union Atrium. 4-5274.

1-4 p.m. Introduction to Unix (Day 3 of 4). TBA, Computer & Space Sciences Bldg. www.inform.umd.edu/ShortCourse.*

3-4:30 p.m. When Is Your Paper Due? A class for the more advanced undergraduate researcher. 4135 McKeldin Library. 5-9070.

4-5 p.m. Department of Astronomy: "Simulations of Shock-triggered Star Formation," Harri Vanhala, department of terrestrial magnetism. 2400 Computer & Space Sciences Bldg.

5-6:30 p.m. Tangled in the Web? An introduction to strategies for effectively searching the Web. 4135 McKeldin Library. 5-9070.

5-6:30 p.m. VICTOR & Periodical Indexes. An introduction to

using VICTOR and two periodical indexes. 4133 McKeldin Library. 5-9070.

6-9 p.m. Introduction to Microsoft Word 7.0 Concepts covered include file manipulation, pagination, headings, page numbering, fonts, spelling, alignment, footnotes and more. Also discussed are various bells and whistles available in the toolbar, menus and ruler. 3330 Computer & Space Sciences Bldg. 5-2941/2940.*

All Day. First Look Fair. Your key to involvement! McKeldin Mall.

September 24

1-4 p.m. Introduction to Unix (Day 4 of 4). TBA, Computer & Space Sciences Bldg. www.inform.umd.edu/ShortCourses.*

3:30 p.m. Department of Meteorology: "Convective Cloud Systems from a Large-Scale Perspective," Mitchell Moncrieff, senior scientist, head, Cloud System Group NCAR/MMM, Boulder, Co. 2400 Computer & Space Sciences Bldg.

4 p.m. Classics Department Lecture: "The Meaning of Vergil's *Aeneid*: Cultural Background and Historical Experiences Behind American and German Interpretations with an Attempt to Reconcile Them," Ernst Schmidt. Language House/St. Mary's Hall. 5-2013.

4-5:30 p.m. VICTOR & Periodical Indexes. An introduction to using VICTOR and two periodical indexes. 4133 McKeldin Library. 5-9070.

4:30-7:30 p.m. Introduction to HTML. This class introduces the Hypertext Markup Language used to create web pages on the World Wide Web. Concepts covered include how to format text, create lists, links and anchors, uploading pages and adding inline images. 4404 Computer & Space Sciences Bldg. 5-2941/2940.*

5 p.m. Latino Business Seminar. St. Mary's Multipurpose Room. Sponsored by the Hispanic Heritage Coalition.

6:30 p.m. Latino Film Festival, Hornbake Library.

All day. First Look Fair. Your key to involvement! McKeldin Mall.



Dance Project Delights

The dance department presents Deborah Riley Dance Projects Thursday and Friday, Sept. 24 & 25 at 8 p.m. in the Dorothy Madden Theater/Dance Building. Tickets are \$10, \$8 seniors and students with ID. For information/reservations call the box office at 405-3198 "Elegant and eloquent—an extraordinary poetic sense of spatial dimension (The Washington Post)."

September 25

11 a.m.-12:30 p.m. When Is Your Paper Due? A class for the more advanced undergraduate researcher. 4135 McKeldin Library. 5-9070.

7 p.m. All-Niter in the Stamp Student Union. Simply the biggest party of the year!

September 26

11 a.m.-12:30 p.m. When Is Your Paper Due? A class for the more advanced undergraduate researcher. 4135 McKeldin Library. 5-9070.

11 a.m.-12:30 p.m. VICTOR & Periodical Indexes. An introduction to using VICTOR and two periodical indexes. 4133 McKeldin Library. 5-9070.

1-2:30 p.m. Tangled in the Web? An introduction to strategies for effectively searching the Web. 4135 McKeldin Library. 5-9070.

4-6 p.m. "FallFest '98 Tail Gate," sponsored by the Clark School of Engineering and the Engineering Alumni Chapter. Featuring food, fun, networking and spirit building. Ludwig Field, next to practice field at Lot 1. 5-4675.*

8 p.m. Opening concert of the Artist Scholarship Benefit Series.

Larissa Dedova and Friends. The program will feature "Andante with Variations for two Pianos" and "Carnival, Op. 9" by Schumann, as well as "Trio for Piano, Violin and Violoncello, Op. 50" by Tchaikovsky. Ulrich Recital Hall of the Tawes Fine Arts Bldg. 5-1150.*

Contact Improvisation Workshop. For fees, registration and information please contact Cathy Paine at (410) 243-1891.

September 27

Contact Improvisation Workshop. For fees, registration and information please contact Cathy Paine at (410) 243-1891.

September 28

10-6 p.m. Eric Celarier Sculptures will be on view in nine display cases throughout the Stamp Student Union through Sept. 30. His "zoom-morphic" forms portray animals from a metaphorical perspective, biological kinds which may have come into being from human technology and the changes in the environment that results from these advances. The gallery is located on the first floor and is open to the public Mon. - Sat. 10 a.m.-6 p.m. 4-8493.

10 a.m.-6 p.m. Exhibition of the works of Cecilia Mandrile and Milagros Ponce de Leon Cecilia Mandrile's installations combine elements from many cultures to create her works and Milagros Ponce de Leon's mysterious and suggestive figurative paintings offer the viewer the opportunity to ask questions and wonder about the possible answers. This exhibit is open to the public and will be on display at the Parents' Association Gallery (located on the first floor of the Stamp Student Union) Monday-Saturday, 10 a.m.-6 p.m., through tomorrow. 4-8493.

1-2:30 p.m. Center for Teaching Excellence: "Grading and Assessment: Test Construction for University Teachers." Maryland Room, Marie Mount Hall.

2-3:30 p.m. VICTOR & Periodical Indexes. An introduction to using VICTOR and two periodical indexes. 4133 McKeldin Library. 5-9070.

2:30-4 p.m. When Is Your Paper Due? A class for the more advanced undergraduate researcher. 4135 McKeldin Library. 5-9070.

3-4:30 p.m. How to access Terp Online. Gain the information you need to review job listings, access information about employers interviewing on campus, and request and schedule interviews online. Attendance at this workshop is a

Ziggy Marley Free in Concert



Maryland will get a little reggae flavor Sunday, Sept. 27 at 5 p.m. when the children of Bob Marley, Ziggy Marley & the Melody Makers, entertain the university community with a free concert. The event takes place on Chapel Field and serves as SEE Productions' first concert of the year.

Maryland students, faculty, staff and friends are invited to experience the reggae-rich style of Ziggy Marley & the Melody Makers for free in what promises to be one of the most exciting events of the year.

The Marleys, Ziggy, Stephen, Cadella and Sharon, have been making music influenced by

their father, Bob since they were teenagers. Their latest album "Fallen Is Babylon," which combines the sounds, textures and colors of Jamaica, won the 1998 Grammy Award for best reggae album.

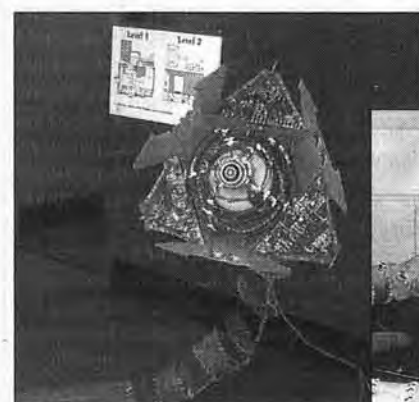
For more information about the concert, contact SEE Productions at 314-8342.

must for those planning to interview on campus. Fourth floor Hornbake Library, Nonprint Media Center. www.careercenter.umd.edu.

4:5:30 p.m. Tangled in the Web? An introduction to strategies for effectively searching the Web. 4135 McKeldin Library. 5-9070.

5-7 p.m. Taekwondo instruction, practice and athletic training. Beginners welcome. Bring \$5 semester fee for CRS facility usage—refundable if you choose not to continue. Visit the website at www.taekwondo.net/umd/. 0107 Health & Human Performance Bldg. 6-4500.*

6-9 p.m. Peer Training - Introduction to UNIX. This class introduces the UNIX operating system. Concepts covered include file and directory manipulation commands, navigation skills, as well as the Pico editor. It does not teach programming skills. 4404 Computer & Space Sciences Bldg. 5-2941/2940.*



Eric Celarier Sculptures will be on view in nine display cases throughout the Stamp Student Union through Sept. 30. His "zoomorphic" forms portray animals from a metaphorical perspective, biological kinds which may have come into being from human technology and the changes in the environment that result from these advances. The gallery is located on the first floor and is open to the public Mon. - Sat. 10 a.m.-6 p.m. 314-8493.

September 29

7:30-9:30 p.m. Baltimore Washington Venture Group: "They Whys and Hows of Valuing Your Privately-held Company," James W. Wolf, New Venture Development. Hilton McLean at Tysons Corner. 5-2144.*

11:30 a.m. Returned Peace Corps Volunteers Reception. 0101 Taliaferro Hall. 5-6100.

Noon-1 p.m. Computer Careers for Non-Technical Majors. Sponsored by the Career Center. TBA. www.careercenter.umd.edu.

4 p.m. Physics Department: "Chemistry in Crystalline Cages: A Battle of Will," Sokrates Pantelides, Vanderbilt University. 1410 Physics Bldg. 5-5945.

4:5:30 p.m. When Is Your Paper Due? A class for the more advanced undergraduate researcher. 4135 McKeldin Library. 5-9070.

4:5:30 p.m. VICTOR & Periodical Indexes. An introduction to using VICTOR and two periodical indexes. 4133

McKeldin Library. 5-9070.

4-6 p.m. Nuestros Colores-Our Colors: Exploring Latin American Diversity. 1137 Stamp Student Union.

6 p.m. Latino Indigenous Heritage-Speaker Series. Skinner Bldg.

6-9 p.m. Introduction to Microsoft Excel 7.0. This class introduces spreadsheet basics of how to: enter values and text, create formulas, understanding cell addressing in absolute and relative modes, using pre-built functions, links between data, autosaving work, customizing printing and more. 3330 Computer & Space Sciences Bldg. 5-2941/2940.*

September 30

7:30-9:30 a.m. Good Morning Commuters! Every Wednesday-free doughnuts, coffee and information. Stamp Student Union Atrium. 4-5274.

9:30 a.m.-3:30 p.m. Abriendo Las Puertas Al Futuro (Opening the Doors to the Future): Northwestern High School Outreach. St. Mary's Multipurpose Room.

11 a.m.-3 p.m. Resumania. Have your resume critiqued by area employers. 3114 Hornbake Library. www.careercenter.umd.edu.

1-4 p.m. Introduction to Access 8.0 (Computer Training). Academic Information Technology Services. Computer & Space Sciences Bldg. 5-4261.*

3-4:30 p.m. Tangled in the Web? An introduction to strategies for effectively searching the Web. 4135

Dream Interpretation for Couples

Throughout the fall semester, in Room 2140 of the Zoology/Psychology Building, the psychology department is offering free dream interpretation for couples involved in an exclusive pre-marital romantic relationship of at least three months duration. Participants have a chance to win gift certificates for two to Applebee's restaurant. For more information, contact Misty Kolchakian at 405-5820 or e-mail at: p-mkolchakian@bss3.umd.edu



Community Service Corner

Sept. 23 and 24, Community Service Programs hosts its annual "Community Service Corner" at the First Look Fair on McKeldin Mall. On each day, more than 35 agencies will be represented, offering volunteer opportunities to students, faculty and staff in tutoring, health care, the arts, hunger and homelessness, recreation, advocacy and more. Stop by, and encourage students to stop by, 10 a.m. to 4 p.m., Wed., Sept. 23 and 10 a.m. to 2 p.m., Thursday, Sept. 24. This is an excellent opportunity to learn about service opportunities on campus and in the community.

McKeldin Library. 5-9070.

3 p.m. La Ingeniera del Pasado, Presente y Futuro (Latin American Engineering of the Past Present & Future) Lecture. 1202 Engineering Bldg.

4-5 p.m. Department of Astronomy: "Dust Absorption and the Luminosity Density at z=3," Gergardt Meurer, Johns Hopkins University. 2400 Computer & Space Sciences Bldg.

4-6 p.m. The Multiple Faces of the Biotechnology Arena. 1208 Zoology Psychology Bldg. www.careercenter.umd.edu.

5-6:30 p.m. When Is Your Paper Due? A class for the more advanced undergraduate researcher. 4135 McKeldin Library. 5-9070.

5-7 p.m. Taekwondo instruction, practice, and athletic training. Beginners welcome! Bring \$5 semester fee for CRS facility usage—refundable if you choose not to continue. Visit the website at www.taekwondo.net/umd/. 0107 Health & Human Performance Bldg. 6-4500.*

6-7:15 p.m. Getting to Know Your WAM Account. This short course is designed to introduce the WAM user to the concepts involved in using the WAM account. The class will cover composing and sending electronic mail, saving and deleting mail and managing electronic discussion groups. Perfect for those who have just begun using their WAM account. Computer & Space Sciences Bldg. 5-2941/2940.

7:30-8:45 p.m. Getting to Know Your WAM Account. This short course is designed to introduce the WAM user to the concepts involved in using the WAM account. The class will cover composing and sending electronic mail, saving and deleting mail and managing electronic discussion groups. Perfect for those who have just begun using their WAM account. Computer & Space Sciences Bldg. 5-2941/2940.

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1-4 p.m. Intermediate HTML. Open to Faculty/Staff only. www.inform.umd.edu/ShortCourses.

3:30 p.m. Department of Meteorology: "Water Vapor, Atmospheric Transports and Stratosphere/Troposphere Exchange," Eric Hintsa, Harvard University. 2400 Computer & Space Sciences Bldg.

3:30-5 p.m. VICTOR & Periodical Indexes. An introduction to using VICTOR and two periodical indexes. 4133 McKeldin Library. 5-9070.

4:5:30 p.m. When Is Your Paper Due? A class for the more advanced undergraduate researcher. 4135 McKeldin Library. 5-9070.

4:30-7:30 p.m. Intermediate HTML. This class introduces more features of HTML. Concepts covered include: enhanced tag attributes, tables, internal document links, custom backgrounds, and the use of text. Some new tags in the HTML 3.2 standard also will be discussed. 4404 Computer & Space Sciences Bldg. 5-2941/2940.*

5:30-6:30 p.m. Academic Universe. An introduction to a multi-disciplinary database from Lexis-Nexis. 4135 McKeldin Library. 5-9070.

6:30 p.m. Latino Film Festival. Hornbake Library.

Calendar Guide

Calendar phone numbers listed as 4-xxxx or 5-xxxx stand for the prefix 314- or 405-. Events are free and open to the public unless noted by an asterisk (*). Calendar information for Outlook is compiled from a combination of inform's master calendar and submissions to the Outlook office. To reach the calendar editor, call 405-7615 or e-mail to outlook@accmail.umd.edu.

Life Sciences Grant Supports Leadership in Undergraduate Research

Continued from page 1

program and to add unique opportunities at the beginning and end of the undergraduate experience."

Currently, the program provides a stipend and funding for on-campus research activities of 30 to 40 students each semester and summer, with the most talented students competing for grant funds and the designation of HHMI Undergraduate Research Fellows. Forty-eight faculty from five colleges of the university have served as mentors

for HHMI fellows.

The HHMI Fellowship Program was originally designed to support "capstone" research experiences for juniors and seniors in life sciences. However, over the past five years both the number of younger students interested in research and the competition for HHMI program funds has grown dramatically. Today the program gives guidance and mentorship to students throughout their college careers.

The College of Life Sciences—an acknowledged leader in campus efforts to enhance undergraduate education—

has seen enrollment grow steadily in recent years, increasing from 1,392 majors in 1990 to more than 2,400 in 1997. SAT scores and other academic credentials of entering students have also risen during that time. The 1997 freshmen class had a high school grade point average of 3.67 on a 4.0 scale, and half of the students who entered the College of Life Sciences in 1997 are enrolled in either the University Honors Program or the College Park Scholars Program.

Minorities make up some 27 percent of the 1998 freshmen class in the

College of Life Sciences, with African Americans comprising 18.4 percent. More African-American students graduate from the University of Maryland with bachelor's degrees in the life sciences than from any other institution that is not a historically black college or university.

The Howard Hughes Medical Institute web site address for information about the awards is <www.hhmi.org/undergrad98> and for the College of Life Sciences <www.life.umd.edu/> is the web site address.

Infusion of Funds Gives Needed Support to University

Continued from page 1

top faculty. An additional \$550,000 was designated for an upgrade of the high speed network as part of the university's efforts to maintain an information technology infrastructure of world-class caliber.

The Libraries received an allotment of \$1.75 million to assist in carefully laid plans to increase acquisitions and help develop a modern library system with advanced techniques for accessing information across the state, the country and the world. And funds were allocated for enhancement to specific academic programs selected for their fundamental strengths, their centrality to the mission of and reputation of a comprehensive public research institution, and in many cases, their potential for a major impact on the economy of the state. [See the table, right, for distribution to targeted areas.]

With the modest amounts of enhancement funding, programs of national distinction can continue their momentum while other programs can take advantage of the opportunity to break into the top ranks within their fields.

The Flagship Initiative is not just a one-time, much needed boost. The Board of Visitors urged the state to increase its contribution to the University of Maryland, above the governor's four-year funding plan for increased support, by at least \$7 million each year for four years. Members of the campus community are already engaged, with the active participation of the Board of Visitors, in seeking support for next year's allotment of \$7 million.

Enhancement Funds

The enhancement funds derived from an increase in the state budget and in tuition income revenues generated \$6.4 million, of which \$2.4 million was set aside for recruitment and retention of outstanding faculty. This left approximately \$4 million for academic program enhancement that was used to fund a number of academic initiatives, many of which were continuations of multi-year plans and commitments. Some examples include \$200,000 to engineering for increased graduate assistant support; \$600,000 to arts and

humanities to enhance the School of Music and the Maryland Center for the Performing Arts; \$240,000 to the College of Life Sciences for its new Center for Biomolecular Structure and Organization; \$800,000 to Undergraduate Studies for expansion and enhancement of the College Park Scholars program and for increased scholarship funding; \$440,000 to increase the pool of funds used to ensure course availability for the university's students; and \$190,000 to the Libraries as part of its enhancement program.

Figure 1, on page 1, shows the distribution of new revenue received from enhancement funds and Flagship Initiative Funds.

Reallocation Funds

The reallocation and enhancement process within Academic Affairs began with a request that the schools and colleges, academic support units such as the Libraries and aITs, the Graduate School and Undergraduate Studies identify budget reductions of 1 percent. Each unit was permitted to reallocate half this amount internally, pending approval by the Academic Planning Advisory Committee (APAC) and the provost, to promote excellence in graduate education. In this way, approximately \$1.64 million was internally reallocated. Typical projects approved were those requesting support for new faculty, for graduate student recruitment and for infrastructure needs to support excellence in graduate education and research.

Each College also was allowed to request enhancement funds, in an amount equivalent to 1.5 percent of its budget, for specific activities. APAC selected from among many attractive proposals and recommended funding about \$1.2 million in the schools and colleges for a variety of projects that were approved by the provost.

Specific units and programs within colleges receiving enhancement from this funding include computer science, criminology, economics, electrical engineering, English, government and politics, history, the Joint Institute for Food Safety and Applied Nutrition, neurosciences, philosophy, the School of Public Affairs, Academic Information Technology Services, College Park Scholars and the Gemstone program. The accompanying table, below, shows distribution of these funds.

Having received the provost's report, President C.D. Mote Jr. notes, "Becoming one of this country's preeminent research universities is a lofty goal worth the collective commitment of our entire university community."

Mote further adds, "Funding for the first year of the Flagship Initiative was a significant step in our journey forward. But of equal importance to us is the wise use of these funds to achieve the greatest impact on the quality of our programs."

FISCAL YEAR 1999 FLAGSHIP INITIATIVES

Description	Amount
Faculty Recruitment & Retention	\$1,170,000
Library Enhancements	\$1,750,000
High Speed Network Upgrade	\$550,000
Academic Program Enhancements:	
a) Improving Capability in the Study of Nonlinear Dynamics (Chaos Theory) - College of Computer, Mathematical and Physical Sciences	\$400,000
b) Supporting Collaborative Research and Education between the College of Computer, Mathematical and Physical Sciences and the College of Engineering	\$700,000
c) Supporting Focused Research in the Humanities - College of Arts and Humanities	\$500,000
d) Building Excellence in Chemistry & Biochemistry - College of Life Sciences	\$300,000
e) Promoting Applied Research in Food Safety and Nutrition - College of Agriculture & Natural Resources	\$275,000
f) Creating a Center on Knowledge and Information Management - Robert H. Smith School of Business	\$250,000
g) Building on Strengths in the Public Policy Arena - College of Behavioral and Social Sciences	\$575,000
h) Graduate Fellowship Support for our Most Outstanding Academic Programs	\$400,000
i) Gemstone Program	\$130,000
Total	\$7,000,000

FOOTBALL FANS TAKE NOTE



Above: A sporting—albeit a laid back-looking—bunch were these lads of 1892, members of the university's first football team. The MAC emblazoned on their chests stands for the Maryland Agricultural College, as the university was then known.

Top, right: This action shot is from the early days of Maryland football.

Right: When the Terrapins won the national football championship in 1953 this photograph was snapped of, from left to right, Gov. Theodore McKeldin, Coach Jim Tatum, Board of Regents Chair William Cole and University of Maryland President Harry "Curley" Byrd with the championship trophy.



The University Archives is celebrating the 106-year history of Terrapin football with a special exhibit, open to the public through Oct. 30. The display features an original photograph of the first team in 1892, programs and souvenirs from bowl games in which the Terps played, the official certificate recognizing the University of Maryland as national football champions in 1953, and images and memorabilia from the "Queen's Game." Also included are jerseys, other colorful and historic game-day programs, season schedules, posters and additional photographs and realia.

The exhibit is located adjacent to the Katherine Anne Porter Room on the third floor of McKeldin Library. It is open to the public Monday and Thursday afternoons from 1 to 4:30 p.m. and by special appointment through Oct. 30. For additional information about the exhibit, please contact University Archivist Anne Turkos at 405-9060.

State of the Arts: Conference Showcases Virtual Reality

Continued from page 1

the first "avatar" for network communications, the first moving camera virtual set for television production and the first animation for 3-D computer graphics. He was the first to propose web-based network computers.

As a musician, Lanier has been active in the world of new classical music since the late 1970s. He is a pianist and a specialist in unusual musical instruments, especially the wind and string instruments of Asia. Lanier has performed with artists as diverse as Philip Glass, Ornette Coleman, Vernon Reid, Terry Riley, Barbara Higbie and Stanley Jordan. He also writes chamber and orchestral music.

Also a well known author and speaker, Lanier writes on numerous topics, including

high-technology business, the social impact of technological practices, the philosophy of consciousness and information, Internet politics and the future of humanism. His painting and drawings have been exhibited in museums and galleries in the United States and Europe.

Taking advantage of new World Wide Web technologies as a teaching instrument in the arts and humanities is a means for discovery and cooperative learning. "The technology engages critical thinking skills," says Seeff. "It teaches and illustrates the importance of practical application, especially in drafts and rewrite."

Professor Mitchell Lifton teaches comparative literature and has developed a course titled "Art and Science of Digital Narration." In his work, he uses digital technology as a narrative tool in getting stu-

dents to better comprehend lessons. According to Lifton, innovations in virtual technology and its application to interdisciplinary curricula is developing at a phenomenal pace. Today, traditional students are products of a generation that is visually astute and accustomed to high technology.

In literature classes, for example, Emily Dickinson's poetry is examined more closely as students review drafts of her poems. Throughout the process, students analyze diction, interpretation and meaning, and often evaluate various versions of edits to detect mood, style and the author's perception. Throughout the technology search, students gain a lesson in history, art forms and the social sciences.

Students can easily retrieve archival materials for research and references. The Decla-

tion of Independence is a popular site for students of American government to explore and study. In addition to edited versions of the document accessible for review, students also can see personal letters to and from many of the major writers of the document, as well as correspondence to influential citizens regarding the affect the declaration would have on American culture.

The Web provides a medium for visual artists and art historians to better understand the creative process by examining artist proofs and alternative color combinations. Musicians can study musical scores and interpret variations, and dancers can learn choreography and theory of movement. "The current technology allows students to be active participants," explains Seeff. "With the technology, students

do not merely speculate about dramatic art, they become artists in their own right."

Virtual technology, combined with the development of new forms of social arrangements which depend on the ability to communicate at a distance, opens up possibilities for collaborative and cooperative learning that previously have not been seriously considered. The State of the Arts conference will include numerous lectures, workshops, demonstrations and multimedia performances. General registration is \$85; K-12 faculty \$50; and University of Maryland faculty and area graduate students \$42.

For further information about speakers and session, contact the Center for Renaissance and Baroque Studies at 405-6830.

—LYLE HENDERSON

for your interest

upcoming events • lectures • seminars • etc.

Tees for Two

What unit on campus has the best golfers? It's time to find out. The first annual University of Maryland Golf Championship will be held this Friday, Sept. 25. Each department is allowed two 2-person teams. The lowest two-ball total (full handicaps) will be the champions. \$80 per team includes cart, greens fees, golf course contests and awards ceremony.

Please call the Pro Shop 403-4299 for an entry form and tee time information.

Web-based Course Management Tool

The Institute for Instructional Technology Fall 1998 Series will focus on the web-based course management tool, WebCT, which was selected for this campus through a selection process involving faculty feedback through focus groups. Two series of five half-day modules will be offered on using the

various features of WebCT.

As preparation for taking the WebCT modules, a "refresher" Netscape Page Composer module will be offered prior to each series. Module information and registration is available at <www.inform.umd.edu/IT/fall98.html>.

This instructional technology series is sponsored by Academic Information Technology Services and Center for Teaching Excellence. For more information, please contact Ellen Borkowski at <ey9@umail.umd.edu>.

Seminars on Tenure & Promotion Process

The Office of the Associate Provost for Faculty Affairs is offering two seminars to explain the tenure and promotion process and to offer tips on the components of an effective dossier. The seminars will be held from 4 to 5 p.m. in Critique Hall, Room 0104 Plant Sciences Bldg., on: Thursday, Sept. 24 for

assistant professors and agents Thursday, Oct. 1 for associate professors and senior agents

If you plan to attend, please R.S.V.P. to Linda Grahne at lgrahne@deans.umd.edu or 405-6803.

Award for Faculty Professional Service

The American Association of Higher Education (AAHE) is seeking nominations for the annual Ernest Lynton Award for Faculty Professional Service and Academic Outreach to recognize a faculty member who connects his or her expertise and scholarship to community outreach. The award will be presented at the annual forum on faculty roles and rewards, Jan. 21-24, 1999, in San Diego, Ca. Letters of nomination are due Oct. 15.

For more information, contact Marie Troppe, coordinator of service-learning, at 314-5387 or mtroppe@accmail.umd.edu. Marie is also available to assist in preparing a nomination.

Stress Management

Come learn how to reduce your stress—a free service—with Edie Anderson at the University Health Center. To make an appointment call 314-8140, and leave your name and telephone number where you can be reached during day and evening times. Edie will return your call and set up an appointment time.

For group presentations call Jennifer Blumberg, peer education coordinator at 314-1493.

Genetics and Muscles

If you have ever attempted weight training and have not been able to increase your muscle mass (i.e., non-responder to weight training), Ben Hurley and Stephen Roth would like to talk with you. Male and female volunteers of any age or race are needed to participate in research examining genetic influences in muscle adaptation. Participation will require less than 10 minutes of your time.

The study is conducted by the department of kinesiology and sponsored by a grant from NIH. For more information



Love to golf?

If you're sitting at your desk, staring out the window, wishing that you, too, could be on the golf course, here's an opportunity for you. At 7:30 a.m. Oct. 2, the University of Maryland Golf Course is the setting for the first-ever Family Weekend Golf Outing.

This will provide you an excellent opportunity to mix and mingle with university parents and students. The cost of the event is \$75 per person and includes greens fees, carts, a continental breakfast, snacks on the course and lunch afterwards.

Talk it up to other faculty and staff you know. If you are interested, call Erinn Joyner at 314-8429 to add your name to the Golf Outing or e-mail ejoyner@oz.umd.edu.

contact Hurley at 405-2486, e-mail: bh24@umail.umd.edu; or Stephen Roth at 405-2569, e-mail: sr115@umail.umd.edu

Art Classes Available

Registration for classes in art studio, recreation, dancing and self development is now underway at the Art and Learning Center of the Stamp Student Union. Visit the center at its web site: <www.inform.umd.edu/ArtCenter>, come by and visit at Room 0232 Stamp Union, or give the center a call at 314-9815 for more information or registration.

Grading and Assessment: Test Construction for University Teachers

Planning to redesign your course's midterm? Writing an exam for a new class? The Center for Teaching Excellence is pleased to present a conversation on "psychometrics" that will surely "test" your knowledge.

Monday, Sept. 28, from 1 to 2:30 p.m., get expert advice on creating fair, equitable, quality multiple-choice and essay exams. We'll discuss test validity and reliability, ways of determining test and question difficulty and strategies for grading exams in the Maryland Room of Marie Mount Hall. We'll also talk about some useful Internet resources on grading and assessment. After this workshop, you'll be confident your students' exam results reflect their learning, not your ability to write exams.

Larry Rudner, Ph.D. in edu-

cational psychology and director of the ERIC Clearinghouse Assessment and Evaluation for 12 years, will lead this informative workshop. This clearinghouse, a federally funded clearinghouse on educational testing, has recently relocated to the University of Maryland campus.

All members of the university community interested in teaching and learning are invited. Light refreshments will be served.

For more information on the center, please point your web browser to <www.ericac.net>.

Pre-Game Party Picnic

The Robert H. Smith School of Business Alumni Chapter invites you to enjoy a casual networking tailgate on Saturday, Sept. 26 from 3:30 to 6 p.m. in the courtyard outside Van Munching Hall.

The picnic tailgate is a great opportunity to network with business school alumni, faculty and students. DJ Ryan Lampel and several MBAA clubs will join the festivities. Come prepared to stock up on new Robert H. Smith School of Business paraphernalia.

Tickets for this event are just \$6 for adults, and \$3 for children and students. The Smith School has even reserved a block of game tickets at a reduced price. To RSVP and reserve your tickets, please contact Tamara Maull at 405-2392 or tmaull@rhsmith.umd.edu.

Join the Terrapin Health & Fitness Challenge

Are you having trouble staying in shape, getting enough sleep, eating wisely, or managing the stresses of school, work, family and friends?

At the University of Maryland, students, faculty and staff have hectic lives, and taking care of yourself is difficult. The Terrapin Health & Fitness Challenge, a self-directed program, will challenge you to participate in a wide variety of fitness and wellness activities, and is free of charge. You also will win prizes for regular exercise and adopting other healthy habits.

You do not have to be a CRS member to participate in the challenge.

Get more information and register for the program at one of the following meetings, held in the Center for Health and Wellbeing, Campus Recreation Center Room 0121.

Wednesday, Sept. 23	Noon or 5 p.m.
Thursday, Sept. 24	Noon or 5 p.m.
Sunday, Sept. 27	6 p.m.

If you have any questions, or would like to register for a class, please call DeAnne Gieringer at 226-4418.

